

BHOJIA DENTAL COLLEGE AND HOSPITAL

Chandigarh – Nalagarh Road, Vil.- Bhud, Tehsil – Baddi, Distt. – Solan, HP - 173205

BDCH	First Year BDS	1. General Anatomy including Embryology, Osteology and Histology	To develop the student's knowledge and insight pertinently into the functional anatomy of the normal human head and neck, including the bony structures, and other soft tissue structures including the muscles, glands, blood vessels, nerves etc. This will also help in understanding functional histology, genetic basis of disease and embryological development of clinically important structures.
BDCH	First Year BDS	2. General Human Physiology & Biochemistry	This subject aims to provide the dental student a comprehensive knowledge of the normal physiological and biochemical functions of different organ systems, tissues and cells of the body. This will help to formulate an understanding to the physiological and biochemical basis of health and henceforth the students will be able to appreciate the disturbance in the physiology and biochemistry during the disease process.
BDCH	First Year BDS	3. Dental Anatomy, Embryology & Oral Histology	This subject will impart the knowledge and skills regarding the normal development, morphology, structure & functions of oral tissues & variations in different pathological/non-pathological states. The student will also be able to understand the histological basis of various dental procedures along with physiologic basis and features of ageing process evident in the dental tissues.
BDCH	2 nd Year BDS	1. General Pathology & Microbiology	The understanding and thorough knowledge of this subject is utmost important as with this the student will be able to understand the pathological and microbial basis of disease processes. This will result in morphological and functional alterations in cells, tissues and organs.
BDCH	2 nd Year BDS	2. General & Dental Pharmacology and Therapeutics	The study of this subject in dentistry helps to understand rational and scientific basis of drugs and therapeutics pertinent with dentistry as well as other diseases and conditions which may have dental implications and interactions. The student will be able to understand the pharmacokinetics and pharmacodynamics of essential and commonly used drugs in general and in dentistry in particular.
BDCH	2 nd Year BDS	3. Dental Materials	This science makes the student aware of different type of dental materials used in the treatment along with continued research has led to new material systems. The vast knowledge will help the student to practice dentistry with utmost skills.

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BDCH	2 nd Year BDS	4. Pre-clinical Conservative	This subject will aid the dental undergraduate student to understand the basic principles of tooth preparation for restoring teeth using different restorative materials. It also helps to acquire knowledge of different instruments to be used for tooth preparation in terms of their identification, method of grasping and usage.
BDCH	2 nd Year BDS	5. Pre-clinical Prosthodontics	This subject will aid the dental undergraduate student to understand the basic principles of prosthetic and rehabilitation for partially and completely edentulous patients. It also helps to acquire knowledge of different instruments and different materials to be used for the same.
BDCH	3 rd YEAR BDS	1. General Medicine	General medicine is the medical specialty dealing with the prevention, diagnosis, and treatment of adult diseases. In dentistry it will help the students diagnose oral health implications in dental patients and vice versa.
BDCH	3 rd YEAR BDS	2. General Surgery	The knowledge of this subject will help the undergraduate students to understand the basic principles of surgery, healing and other surgical guidelines.
BDCH	3 rd YEAR BDS	3. Oral Pathology & Oral Microbiology	Oral pathology is that part of pathology and a branch of dentistry concerned with the scientific study of the causes and effects of oral disease an understanding of which is essential for diagnosis and for the development of rational treatment and preventive programmes.
BDCH	4 th YEAR BDS	1. Prosthodontics and Crown & Bridge	It is a branch of Dentistry pertaining to the restoration, rehabilitation and maintenance of oral function, comfort, appearance & health of the patient. This can be done with the help of restoration of natural Teeth and or replacement of missing teeth & craniofacial tissue with artificial substitutes.
BDCH	4 th YEAR BDS	2. Conservative Dentistry & Endodontics	Conservative Dentistry is the branch of dentistry which is concerned with the conservation of teeth in the mouth. It embraces the practice of operative dentistry and endodontics, and includes various kinds of direct and indirect restorations of individual teeth in the mouth.
BDCH	4 th YEAR BDS	3. Oral & Maxillofacial Surgery	Oral & Maxillofacial Surgery is a branch that deals with the art of diagnosis and treatment of various diseases, pathologies and defects involving the maxillofacial region. This specialty has evolved through the ages and presently the oral & maxillofacial surgeon deals with the various craniofacial pathologies in a multi disciplinary environment.
BDCH	4 th YEAR BDS	4. Paediatric & Preventive Dentistry	This is the branch of dentistry which deals with the diagnosis and treatment of infants and kids upto 16 years of age. This includes the preventive, prophylactic, restorative, rehabilitative and counselling treatment modalities.

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BDCH	4 th YEAR BDS	5.Oral Medicine & Radiology	Oral medicine is that area of special competence concerned with the oral health of the patient for maintenance of overall health of an individual. It includes those principles of medicine that relate to the mouth, as well as research in biological, pathological and clinical spheres. Oral Medicine includes the diagnosis and medical management of diseases specific to the orofacial tissues and of oral manifestations of systemic diseases. It further includes the management of behavioral disorders and the oral and dental treatment of medically compromised patients.
BDCH	4 th YEAR BDS	6. Orthodontics and Dentofacial Orthopaedics	Orthodontics is the branch of Science and the art of dentistry which deals with the development and positional anomalies of the teeth and the jaws as they affect oral health and the physical, esthetic and mental well being of the person. It is a special branch of dentistry which deals with the alignment of the teeth.
BDCH	4 th YEAR BDS	7. Periodontology	Periodontics is that specialty of dentistry which encompasses the prevention diagnosis and treatment of diseases affecting the supporting and surrounding tissues of the teeth or their substitutes, such as dental implants.
BDCH	4 th YEAR BDS	8. Public Health Dentistry	It is a branch of Dentistry which deals with preventing disease, prolonging life & promoting physical & mental efficiency through organized community efforts for the sanitation of the environment, the control of communicable infections and imparting education to the society for personal hygiene.
BDCH	MDS	1. MDS (Conservative and Endodontics)	The Department of Conservative Dentistry & Endodontics at the Maharashi Markandeshwar College of Dental Science & Research Mullana aims at the diagnosis and treatment of dental caries and its sequel, maltormations, discoloration thereby restoring the teeth to its normal form and function with a pleasing aesthetics. The department has modern dental units with separate UG and air conditioned PG clinics. The clinics are fully loaded with all the latest instruments and dental materials like RVG,Surgical Operating Microscope ,Endoactivator, Thermoplastic obturation system, Endodmotor etc. There is an ample flow of patients for clinical training and an opportunity for students to increase their skills.The department has full fledge experienced faculty all of who are committed to excellence in all fields. The students are encouraged towards academic & clinical excellence via attending CDE programmes & Conferences.

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BDCH	MDS	2.MDS (Oral Pathology & Microbiology and Forensic Odontology)	Department is situated on ground level of the Dental College which helps it to work in close association with departments of Oral Medicine and Oral Surgery for patient's diagnosis and treatment planning. It imparts education and subject expertise on dental anatomy and oral histology as well as oral pathology to under-graduates and post-graduates through first three years of their training for BDS degree and also higher education to budding oral pathologists.
BDCH	MDS	3. MDS (Orthodontics & Dentofacial Orthopaedics)	The Department conducts state of the art training of undergraduates & postgraduates in diagnosis & treatment planning of malocclusions in patients. Further they are educated, guided and trained regarding the ill effects of malocclusions in different types of patients. The students are also made aware of motivational skills so as to motivate the patients to undergo treatment. In a nutshell the students are able to provide best treatment using contemporary techniques.
BDCH	MDS	4.MDS (Paediatric & Preventive Dentistry)	Pediatric dentistry encompasses a variety of disciplines, techniques and procedures to modify and adapt to the special needs of infants, children and adolescents. Pediatric Dentistry is an "Age Defined" specialty. In this department, students perform all types of preventive and comprehensive dental procedures in children upto the age of 16 years. Further, a child friendly environment is provided to the children considering the variable behavior needs of the growing children and thus instilling in them a positive attitude towards dentistry.
BDCH	MDS	5.MDS (Periodontology and Oral Implantology)	Periodontology is the dental specialty that focuses on prevention, diagnosis and treatment of diseases of the gingiva, or "gums" and other surrounding tissues. The Department of Periodontology & Oral Implantology educates the under graduate students in the didactic and clinical applications necessary to perform the entire spectrum of periodontal procedures. The department includes MDS programme which is a three-year program with an intake capacity of 5 students per year. The department also includes the Dental Hygiene Program, which has a intake capacity of 20 students per year. The goal of the Department is to promote periodontal dentistry as dental medicine where prevention can be practiced. Periodontists believe that personal good oral hygiene behaviors are best taught to and practiced by age-specific and social groups through oral health education. Periodontal medicine perceives good oral health as an open gateway to good general systemic health, and documents the many links to general systemic health affected by the destructive presence of inflammation and oral infection from bacteria.

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BDCH	MDS	6.MDS (Prosthodontics and Crown & Bridge)	The Prosthodontics Department is responsible for teaching undergraduate and postgraduate students in several areas: Fixed and Removable Prosthodontics, Occlusion and TMJ Dysfunction, Dental Implants and Maxillofacial Prosthodontics. We are committed to continuing professional development and postgraduate courses. We strive to let our patients have a unique, holistic, professional experience when they visit our department. We are also committed to providing the highest standard of dental care available. The postgraduate programme is designed for advanced training in the rehabilitation of completely edentulous, partially edentulous patients and patients requiring Implants and Maxillofacial prosthesis.
BDCH	Diploma (Dental Hygienist)	Diploma (Dental Hygienist)	
BDCH		1 st YEAR	
BDCH	Diploma (Dental Hygienist)	Anatomy, General & Dental	Deals with the knowledge of anatomical structures of the body as well as dental tissues including the tooth.
BDCH	Diploma (Dental Hygienist)	Physiology & Histology, General and Dental	This subject aims to provide the student a comprehensive knowledge of the normal physiological and biochemical functions of different organ systems, tissues and cells of the body.
BDCH	Diploma (Dental Hygienist)	Pharmacology General and Dental	The study of this subject in helps to understand rational and scientific basis of drugs and therapeutics pertinent with dentistry as well as other diseases and conditions which may have dental implications and interactions
BDCH	Diploma (Dental Hygienist)	Pathology & Microbiology	The understanding and thorough knowledge of this subject is utmost important as with this the student will be able to understand the pathological and microbial basis of disease processes. This will result in morphological and functional alterations in cells, tissues and organs
BDCH	Diploma (Dental Hygienist)	Dental Radiology	It is the speciality which deals with the understanding and basic knowledge of exposing the patient to different king of dental radiographs and their pertinent interpretation
BDCH	Diploma (Dental Hygienist)	Food and Nutrition	Imparts the knowledge of importance of nutrition in everyday life and its effects on health during deficiency disorders.
BDCH	Diploma (Dental Hygienist)	Dental Hygiene and Oral Prophylaxis	Imparts the knowledge and importance of oral and para-oral hygiene and its effects. The students will be well versed with the methods of oral prophylaxis and care.

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BDCH	Diploma (Dental Hygienist)	Basic knowledge of computers	Basic applications and usage of computers will be imparted for technical enhancement of the students
BDCH		2 nd YEAR	
BDCH	Diploma (Dental Hygienist)	Dental Hygiene and Oral Prophylaxis	Imparts the knowledge and importance of oral and para-oral hygiene and its effects. The students will be well versed with the methods of oral prophylaxis and care
BDCH	Diploma (Dental Hygienist)	Preventive Dentistry	It deals with preventing disease, prolonging life & promoting physical & mental efficiency through organized community efforts for the sanitation of the environment, the control of communicable infections and imparting education to the society for personal hygiene.
BDCH	Diploma (Dental Hygienist)	Dental Ethics and Jurisprudence; Orientation in Dentistry	Introduction and knowledge of basic ethics in dental practice.
BDCH	Diploma (Dental Hygienist)	Dental Materials	This science makes the student aware of different type of dental materials used in the treatment along with continued research has led to new material systems. The vast knowledge will help the student to practice dentistry with utmost skills.
BDCH		1 st YEAR	
BDCH	Diploma (Dental Mechanics)	Applied Physics & Mechanics	Knowledge regarding the physical strength of different types of dental materials used in the rehabilitative purposes
BDCH	Diploma (Dental Mechanics)	Applied Chemistry	Basic principles of chemistry and reactions so as to correlate with the reaction of different type of Dental materials.
BDCH	Diploma (Dental Mechanics)	Applied Oral Anatomy	Deals with the knowledge of anatomical structures of the body as well as dental tissues including the tooth
BDCH	Diploma (Dental Mechanics)	Dental Materials	This science makes the student aware of different type of dental materials used in the treatment along with continued research has led to new material systems. The vast knowledge will help the student to practice dentistry with utmost skills.
BDCH		2 nd YEAR	

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BDCH	Diploma (Dental Mechanics)	Dental Materials and Metallurgy	This science makes the student aware of different type of dental materials used in the treatment along with continued research has led to new material systems. The vast knowledge will help the student to practice dentistry with utmost skills.
BDCH		Dental Mechanics (Final)	
BDCH	Diploma (Dental Mechanics)	Basic knowledge of computers and Medical Records Management	Basic applications and usage of computers will be imparted for technical enhancement of the students